

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 04214972
PUBLICATION DATE : 05-08-92

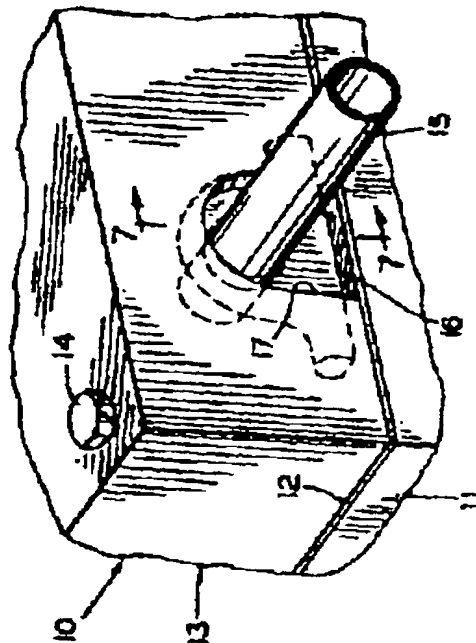
APPLICATION DATE : 11-01-91
APPLICATION NUMBER : 03001901

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INT.CL. : F04B 39/12 F04B 39/00 F16J 15/10

TITLE : SEAL FOR CONNECTING TUBE TO
HOUSING MEMBER AND METHOD
FOR FORMING THE SEAL



ABSTRACT : PURPOSE: To provide a liquid-tight seal for coupling a tube with a housing member.

CONSTITUTION: A housing member has a D-opening 17 including a flat open side part and is abutted and fixed to a flat surface in a place with this open side part. Around the opening, a groove, i.e., a slot, having an enlarged angle part is extending as adjacent to the flat side part. A tube 15 is furnished with a ring-shaped groove adjacent to the end part. This groove in tube 15 is arranged as to receive a resilient seal 16 having such a shape as capable of sliding into the above-mentioned slot in the housing member. The seal 16 has a corner tab to fill the angle part of the enlarged slot. Before the housing member is fixed to the above-mentioned flat surface, the seal 16 is a little projected out from the slot. When the housing member is fixed to the flat surface, the seal 16 is compressed between the housing member and tube 15 to form a high pressure resilient seal.

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